

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001873

A. - CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B32B27/18, 7/02, G02B1/10, 5/22, 5/23

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B32B27/18, 7/02, G02B1/10, 5/22, 5/23

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 09-241263 A (Fuji Photo Film Co., Ltd.), 16 September, 1997 (16.09.97), Par. Nos. [0037] to [0044], [0049], [0050] (Family: none)	1-10
A	JP 11-35326 A (Noevir Co., Ltd.), 09 February, 1999 (09.02.99), Full text; all drawings (Family: none)	1-10
A	JP 10-265241 A (Nippon Oil Co., Ltd.), 05 October, 1998 (05.10.98), Par. Nos. [0013], [0062]; all drawings & US 6190777 B1 & EP 0912446 A1	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
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"P"	document published prior to the international filing date but later than the priority date claimed
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"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search
26 May, 2005 (26.05.05)Date of mailing of the international search report
14 June, 2005 (14.06.05)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 10-316453 A (Affinity Co., Ltd.), 02 December, 1998 (02.12.98), Par. Nos. [0018], [0019] (Family: none)	1-10
A	JP 2002-523267 A (Coring Inc.), 30 July, 2002 (30.07.02), Claims & US 6309753 B1 & WO 2000/012304	3
A	JP 08-76150 A (Affinity Co., Ltd.), 22 March, 1996 (22.03.96), Par. Nos. [0015], [0017] (Family: none)	3
A	JP 8-48940 A (Seiko Epson Corp.), 20 February, 1996 (20.02.96), Full text; all drawings & US 5789476 A1 & EP 0730168 A2	5, 6
A	JP 11-133204 A (Seiko Epson Corp.), 21 May, 1999 (21.05.99), Full text; all drawings (Family: none)	5, 6